

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Previously Presented): A portable computer system comprising:

a bus;

a processor coupled to said bus;

a housing comprising a dielectric elastomer electronic muscle material, said dielectric elastomer electronic muscle material, when moved, causing said processor to behave in a prescribed manner and wherein said electronic muscle material conforms to the shape of user's hand for improved ergonomics and wherein said conformance to shape of user's hand generates contour data which is used by said processor to identify a user for purpose of user authorization;

a display device coupled to said bus and for providing a visual display; and

wherein said processor implements a user interface for controlling said display.

2. (original): The portable computer system of Claim 1 further comprising a battery and wherein movement of said electronic muscle material causes charging of said battery.

3. (original): The portable computer system of Claim 1 wherein movement of said electronic muscle material causes said processor to sense handling by user for determination of left-handedness or right-handedness thereof.

4. (original): The portable computer system of Claim 3 wherein in response to said determination of handedness said electronic muscle material generates a plurality of function buttons in the proximity of user's fingers.

5. (original): The portable computer system of Claim 4 wherein any of said plurality of function buttons vibrate to apprise user of relevant message being displayed.

6. (original): The portable computer system of Claim 4 wherein any of said plurality of function buttons protrudes from said housing to apprise user of relevant message being displayed.

7. (original): The portable computer system of Claim 1 wherein said electronic muscle material vibrates for apprising the user of a message being displayed.

8-10. (Cancelled)

11. (original): The portable computer system of Claim 1 wherein said electronic muscle material vibrates at a frequency of external sound for use as a microphone.

12. (original): The portable computer system of Claim 11 wherein the location of said vibration moves spatially about the housing for tracking a strongest sound signal.

13-28. (Cancelled)

29. (Previously Presented): A portable computer system comprising:

a bus;

a processor coupled to said bus;

a housing comprising a dielectric elastomer electronic muscle material, said dielectric elastomer electronic muscle material, when moved, causing said processor to behave in a prescribed manner and wherein said electronic muscle material conforms to the shape of user's hand for improved ergonomics and wherein said conformance to shape of user's hand generates contour data which is used by said processor to identify a user for purpose of user authorization;

a display device coupled to said bus and for providing a visual display;

a battery, wherein stretching and contraction of said electronic muscle material causes charging of said battery based on a change of an electrical property of said electronic muscle; and

wherein said processor implements a user interface for controlling said display.

30. (Cancelled)

31. (Previously Presented): The portable computer system of Claim 29 wherein movement of said electronic muscle material causes said processor to sense handling by user for determination of left-handedness or right-handedness thereof.

32. (Previously Presented): The portable computer system of Claim 31 wherein in

response to said determination of handedness said electronic muscle material generates a plurality of function buttons in the proximity of user's fingers.

33. (Previously Presented): The portable computer system of Claim 32 wherein any of said plurality of function buttons vibrate to apprise user of relevant message being displayed.

34. (Previously Presented): The portable computer system of Claim 32 wherein any of said plurality of function buttons protrudes from said housing to apprise user of relevant message being displayed.

35. (Previously Presented): The portable computer system of Claim 29 wherein said electronic muscle material vibrates for apprising the user of a message being displayed.

36. (Previously Presented) The portable computer system of Claim 1, wherein said electronic muscle material vibrates at a frequency as specified by said processor for use as a speaker.

37-38. (Cancelled).